



**PROJECT:** Stratton and Algonquin Dams/Fox River, Illinois Updated February 2001

**AUTHORIZATION:** Continuing Authorities Program

**TYPE:** 205 - Flood Damage Reduction

**DESCRIPTION:** The project will increase gating capacity on each dam to allow greater management of the Chain of Lakes for flood control purposes. With the new gates, more water will be moved downstream in anticipation of a flood event. The effect would be to reduce water levels above the dam, creating storage which could be used to reduce the impacts of a large storm. The project would call for two 50' wide pneumatically operated gates, one at each dam. Flood damages would be reduced above Algonquin Dam through the Chain of Lakes area.

**CURRENT STATUS:** Construction contract was awarded March 30, 2000 to Kovilic Construction Company, Franklin Park, Illinois in the amount of \$2,205,752.00

**PLANNED WORK:**

FY 00

- \* Begin construction of Algonquin Dam and Stratton Dam gates

FY 01

- \* Continue construction activities.

FY02

- \* Complete construction activities.

**PROJECT COSTS:**

Total Project Cost:	\$3,410,600.00
Federal Cost:	2,558,000.00
Non-Federal Cost:	852,600.00

**BENEFITS:** BCR: 1.30 (principally damage reduced to residences)

**LOCAL SPONSOR:** State of Illinois, Department of Natural Resources

**ISSUES/CONCERNS: February 2001**

No significant issues are noted. As of early February, 2001, the contractor has completed the installation of the cofferdam at McHenry. The contractor is installing sheet pile at the Algonquin dam. Illinois DNR has raised two issues recently: The ability of Illinois DNR to utilize our contractor for installation of a fish ladder at McHenry Dam; and, a proposed change in material for the shore protection at McHenry Dam. LRC believes the fish ladder can be installed by our contractor under the terms and conditions of "betterments" as contained in the PCA. The issue regarding a change in rip-rap to formed interlocking blocks has not been evaluated by LRC since we have not received information from the sponsor (the change is proposed by the property owner, the Town of Algonquin).

**PROJECT MANAGER:** Timothy E. Kelleher, 312-353-6400, extension 3012